

OPERATING PERMIT FOR FACILITIES
RECEIVING SOLID WASTE

TYPE OF FACILITY

Landfill

FACILITY/PERMIT NUMBER

33-AA-0012

NAME AND STREET ADDRESS OF FACILITY

Coachella Landfill
Landfill Road
Coachella, California
Section 22, T5S, R8E, SBB & M

NAME AND MAILING ADDRESS OF OPERATOR

County of Riverside
Department of Waste Management
1995 Market Street
Riverside, CA 92501

PERMITTING ENFORCEMENT AGENCY

Local Solid Waste Management Enforcement
Agency for the County of Riverside

CITY/COUNTY

Riverside County

PERMIT

This permit is granted solely to the operator named above, and is not transferrable.

Upon a change of operator, this permit is subject to revocation.

Upon a significant change in design or operation from that described by the Plan of Operation or the Report of Station or Disposal Site Information, this permit is subject to revocation, suspension, or modification.

This permit does not authorize the operation of any facility contrary to the State Minimum Standards for Solid Waste Handling and Disposal.

This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

The attached permit findings, conditions, prohibitions, and requirements are by this reference incorporated herein and made a part of this permit.

APPROVED:


APPROVING OFFICER

John M. Fanning, Director
Department of Environmental Health

NAME/TITLE

AGENCY ADDRESS

County of Riverside
Department of Environmental Health
1737 Atlanta Avenue, Building H
Riverside, CA 92507

AGENCY USE/COMMENTS

Owner: Bureau of Land Management

SEAL

PERMIT RECEIVED BY CWMB

OCT 02 1992

CWMB CONCURRENCE DATE

DEC 09 1992

PERMIT REVIEW DUE DATE

DEC 15 1997

PERMIT ISSUED DATE

DEC 25 1992

COACHELLA SANITARY LANDFILL
33-AA-0012

SITE HISTORY

The Coachella landfill was opened on October 9, 1972, by the County of Riverside on land leased from the Bureau of Land Management, and is currently operated by the Department of Waste Management. This landfill is permitted by the California Regional Water Quality Control Board-Colorado River Basin Region, with revised Waste Discharge Requirements No. 91-013 issued in March 1991. An Enforcement Information Report was prepared by the Department of Waste Management for the Local Solid Waste Management Enforcement Agency (LEA) in April 1979. The LEA issued Solid Waste Facility Permit No. 33-AA-0012 that same year.

This permit revision will allow for an increase in tonnage from 235 tons per day to 2,000 tons per day, the addition of a wood grinding operation, a 25 foot vertical expansion, and an increase in days of operation from six to seven days a week.

FINDINGS:

1. The following describes the design and operation of the facility as authorized by this permit:

A. Owner: Bureau of Land Management
6221 Box Springs Road
Riverside, Ca. 92503

Operator: County of Riverside
Department of Waste Management
1995 Market Street
Riverside, Ca. 92501

- B. The site encompasses 640 acres, which is a complete section.. The available acres for landfilling is 75 acres which is currently being filled. The legal description of the site is Section 22, T5S, R8E, SBB & M. Access to the site is on Landfill Road, off Dillon Road. The site is secured with fencing and a locked gate. Adjacent land use zone is NA and W-2, (Report of Disposal Site Information [RDSI], Figures 5A, 8, Exhibit C)

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- C. This site is a gate fee site. There is a fee building, boxcar office, storage building, hazardous materials storage shed, above ground fuel tank, chemical toilet, bottled water and a telephone on site.
- D. This site receives non-hazardous solid wastes which consist of agricultural, construction, demolition, mixed municipal wastes, industrial wastes, dead animals and tires.
- E. Waste received in 1991, averaged 726 tons per day. Based on a trend line since 1979, the annual average tonnage is expected to reach approximately 883 tons per day over the next five years. The total design capacity of this site is 2,990,239 tons with 2,429,298 tons already in place. The fill to cover ratio is 1.5:1, with an in place density of 1200 pounds per cubic yard.
- F. Coachella Landfill is a manned site which utilizes the area method of landfilling. The current operation consists of a working face from 100 to 150 feet long in front of which the refuse is dumped. A paved extension of Landfill Road provides access to the vicinity of the landfill with service to the active face by a maintained dirt road. A D8K dozer pushes and spreads, the waste. A compactor compacts the waste to an estimated density of 1,200 pounds per cubic yard. The waste is covered with six inches of soil daily. Nuisance wastes (such as dead animals), are separated from the waste stream and buried immediately. Dirt used in the refuse covering operation averages 600 cubic yards per week. The cover material is obtained from on-site borrow areas.
- G. No salvaging of materials is currently practiced at this site. However, in response to the mandates of the California Integrated Waste Management Act of 1989, the county will adopt a local plan to be implemented by 1994, and programs to divert useful materials from county landfills through source reduction, recycling and composting.

A sign at the entrance to the facility indicates that wastes such as car batteries, oil, and paints are prohibited from entering the site. An estimated 127 tons per day of woody waste will be diverted to Colmac Industries (RDSI page 7, Figure 3). Additionally, newspaper, glass, plastic, cardboard and aluminum beverage containers are diverted through curbside recycling in the Coachella Valley area.

- H. Hazardous wastes are not accepted at the site. A sign is posted at the site entrance indicating that no hazardous waste is accepted. Incoming loads of solid and liquid wastes are screened for hazardous wastes by scale attendants, equipment operators and spotters on a regular basis. Site personnel are periodically trained to recognize and properly respond to hazardous waste incidents. If an incident of unlawful disposal of hazardous materials occurs at the site, the Riverside County Department of Environmental Health, Hazardous Materials Branch is contacted to investigate the incident and determine the appropriate remedial action. "Protocol for handling hazardous waste" developed by the LEA, will be followed by the operator [RDSI, Appendix A]. The Hazardous Materials Branch may be contacted at (619) 863-8976. Additional measures may be required upon the request of the LEA or the Board.

A Hazardous Materials Load Checking Program has been established for the Coachella Landfill. EPA generator number CAL 000 0470889 has been assigned to this site. At this facility two loads per day are inspected for hazardous materials. The load will be directed to the side of the face to be dumped and spread. Hazardous Materials Branch personnel will visually inspect the load for any hazardous materials. If hazardous materials are found and no responsible owner/operator identified, the material will be packaged and stored as described in the RDSI. All packaging, labeling, record keeping, storage and transportation will be in accordance with California Code of Regulations Title 22. No materials will be stored on site for longer than 90 days once the 100 kilogram level is reached. (RDSI pgs. 4,5,11, Appendix A)

- I. Within the next five years the operator may increase the hours of operation, it being stipulated that the site shall only operate

during daylight hours. The operator must notify the LEA and the Board, in writing, upon any change in operating hours.

- J. The Coachella Landfill is currently open from 8:00 a.m. until 4:30 p.m. seven days a week. The site is closed New Years Day, Easter Sunday, Fourth of July, Thanksgiving Day, Christmas Day, Memorial Day, Labor Day and Labor Day Sunday. The hours may change as per Item I.
- K. As of January, 1992, the site has a remaining capacity of 560,941 tons.

The expected closure date of this facility is mid 1995.

- L. The following equipment and personnel will be assigned to the site;
 - 1. One 335 HP 8L dozer
 - 2. One 300 HP 8K dozer
 - 3. One 4,000 gallon water truck
 - 4. One 45 ton landfill compactor
 - 5. Two 20 cubic yard scrapers
 - 6. One landfill supervisor
 - 7. Five equipment operators
 - 8. One laborer
 - 9. One fee collector
- 2. The following agencies and documents conditioning the operation and use of this facility are adopted by reference:
 - A. Report of Disposal Site Information dated March 1992, and addendum dated September 1992;
 - B. As per Riverside County Planning Department letter dated July, 1991, Coachella Landfill, as a "public project" does not require a conditional use permit;
 - C. Regional Water Quality Control Board, Colorado River Basin Region Waste Discharge Requirements(No. 91-013), dated March 13, 1991;
 - D. Regional Water Quality Control Board - Colorado River Basin Region Cleanup and Abatement Order (No. 90-074), dated September 21, 1990;
 - E. South Coast Air Quality Management District conditional exemptions to Rule 1150.1, dated September 8, 1989;

- F. Riverside County Planning Department Environmental Assessment (Negative Declaration) No. 34422, SCH# 90020567, dated October 23, 1990;
 - G. Coachella Landfill Mitigation Monitoring Report for Environmental Assessment No. 34422, dated August 1990;
 - H. Bureau of Land Management (BLM) issued a special use permit in 1972. Terms for purchase are as per letter from BLM, dated March 26, 1992.
3. The following findings are required pursuant to Resources Code Sections 44010, 50000, and 50000.5:
- A. This permit is consistent with the County Solid Waste Management Plan, dated July 1989
 - B. This permit is consistent with Standards adopted by the California Integrated Waste Management Board.
 - C. The County of Riverside Department of Planning has determined that the Coachella Landfill is consistent with the County General Plan by letter, dated June 19, 1990.
4. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA on September 24, 1992.
5. This facility is in conformance with applicable fire standards by complying with the State Public Resource Code Section 4373 which requires that any solid waste facility for which a permit is required shall be maintained with a clearance of flammable material for a minimum distance of 150 feet from the periphery of any exposed flammable solid.
6. Land within 1000 feet is zoned N-A, and W-2 (i.e. natural assets, controlled development). Land uses authorized in the General Plan adjacent to, and near the site, are compatible with the establishment of the site as per letter from Riverside County Planning Department, dated June 19, 1990.
7. A Notice of Determination was filed with the State Clearinghouse (SCH # 90020567) on October 23, 1990 by the Riverside County Board of Supervisors for Negative Declaration, E.A. No. 34422.

CONDITIONS: Requirements:

1. This facility must comply with State Minimum Standards for Solid Waste Handling and Disposal.
2. This facility must comply with all federal, state, and local requirements and enactments, including all mitigation measures given in any certified environmental document filed pursuant to Public Resources Code, Section 21081.6.
3. Additional information must be provided as required by the LEA.
4. At the discretion of the LEA, landfill gas monitoring probes shall be installed for detection of gas migration. If the LEA determines that a landfill gas control system is needed, it shall be installed.
5. The operator shall maintain a copy of this permit at the facility, so as to be available at all times to facility personnel and to LEA personnel.

Prohibitions:

1. The following actions are prohibited at this facility:
 - A. disposal of hazardous or designated wastes
 - B. disposal of waste water treatment sludge
 - C. disposal of medical wastes
 - D. burning of wastes
 - E. scavenging
 - F. allowing standing water on covered fill surface
 - G. night time operations
 - H. acceptance of any waste material after proposed grade has been met
 - I. disposal of wastes beyond 2000 tons per day or acceptance of any other waste for which this facility is not permitted to handle
 - J. disposal of liquid wastes.

Specifications:

1. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of the permit is prohibited. Such a change would be considered a significant change and require a permit revision.
2. This facility has a permitted capacity of 2,000 tons per operating day and shall not receive more than this amount of solid waste unless its operator obtains a permit revision.
3. A change in operator will require a new permit.
4. This facility will be allowed to operate during daylight hours only.
5. All waste material shall be covered with a minimum of six inches of compacted soil at the close of each day's operation. Tree limbs and stumps are exempted from this requirement, but shall be covered with six inches of compacted soil within 180 days of placement on site.
6. At the end of each day of operation, all areas of the site receiving non-hazardous solid wastes, in all but the final lift, a compacted layer of at least 12 inches of cover shall be placed on all surfaces of the fill where no additional waste will be deposited within 180 days.
7. The operator shall maintain a copy of this permit and State Minimum Standards for Solid Waste Handling and Disposal at the site so as to be available at all times to site operating personnel.
8. The implementation of the mitigation measures required by Environmental Assessment No. 34422 for this facility are listed in Mitigation Monitoring Program for Coachella Landfill, dated August 1990.
9. This permit supersedes the previous permit dated September 3, 1979.
10. The maximum design elevation of the landfill is 420 Feet MSL.
11. The operator shall meet State Waste Tire Storage and Disposal Standards, California Code of Regulation, Title 14, Chapter 3, Article 5.5.

12. Copies of any plan describing a proposed structure or feature not included in a current RDSI shall be submitted no later than 120 days in advance of construction of the structure or feature. On final approval of the plans by all responsible agencies, the approved plans are to be submitted as an amendment to the RDSI.

Provisions:

1. This permit is subject to review by the LEA and may be modified, suspended, or revoked, for sufficient cause after a hearing.
2. Fire control measures have been certified by state and local fire protection agencies to meet Sections 4373 and 4374 of the Public Resources Code prior to acceptance of any waste.
3. The operator shall file with the LEA, changes to the RDSI when they occur.
4. Any complaints pertaining to the facility received by its operator, shall be forwarded to the LEA within one working day. This includes receipt of a notice of violation or notice of complaints about the facility received by other agencies.

Closure/Postclosure Maintenance:

Per section 18255 of California Code of Regulations, Title 14, Chapter 5, closure plans will be submitted to the Board on the following schedule:

1. A final closure/postclosure plan for this site will be submitted by December 31, 1992.

Self Monitoring Program:

The following items shall be monitored by the operator of this facility or his agent. Records including, but not limited to, these items shall be kept and made available to the LEA upon request:

1. Landfill gas migration and emission: All data required to be submitted to the South Coast Air Quality Management District on a quarterly basis shall be submitted concurrently to the LEA.
2. Ground water quality monitoring: All data required to be submitted to the Water Quality Control Board per

order No. 91-013 shall be concurrently submitted to the LEA.

3. The operator shall maintain a record of any cuts made to the natural terrain where fill has been placed and the depth to ground water. This report shall be submitted to the LEA monthly.
4. The operator shall maintain a log of special occurrences. This log should include, but is not limited to, fires, injuries, property damage, accidents, explosions, discharge and disposition of hazardous or unpermitted wastes. The operator shall maintain this log at the facility so as to be available at all times to site personnel, the LEA and other responsible agencies.
5. Results of the Hazardous Materials Load Checking Program shall be reported to the LEA on a quarterly basis.
6. The operator shall maintain records of the Coachella Landfill Mitigation Monitoring Program for Environmental Assessment No. 34422. The operator shall submit monitoring reports to the LEA at the frequency stated in the monitoring program for each mitigation measure.
7. Records of all incidents of unlawful disposal of prohibited and hazardous materials, the operators actions, and the final disposition of the materials shall be maintained and made available to the LEA.
8. The operator shall maintain a record of all complaints registered against the facility and any actions taken to resolve justified complaints.
9. Cleanup and Abatement Order: All data required to be submitted to the Regional Water Quality Control Board monthly per Board Order No. 90-074, shall be submitted concurrently to the LEA.
10. The operator shall maintain records of the number and types of vehicles utilizing the facility. This shall be reported to the LEA on a quarterly basis.
11. The operator shall report the quantities and types of waste received at this facility to the LEA on a quarterly basis.